

Claims

1. Connection block for a hydrostatic piston machine which is provided for simultaneous operation in a first
5 hydraulic circuit and a second hydraulic circuit,
a first working pressure duct (60) and a second working pressure duct (61) being formed in the connection block, via which ducts respectively a first and a second working line (7, 8) of the first hydraulic circuit can be connected
10 to respectively a first and a second kidney-shaped control port (68', 69') of a control plate (52) of the hydrostatic piston machine, and
a third working pressure duct (62) and a fourth working pressure duct (63) being formed in the connection block
15 (25), via which ducts respectively a third and a fourth working line (7', 8') of the second hydraulic circuit can be connected to respectively a third and a fourth kidney-shaped control port (70', 71') of the control plate (52) of the hydrostatic piston machine,
20 **characterised**
in that a common feeding pressure duct (80) is provided in the connection block (25), it being possible for the common feeding pressure duct (80) to be connected to the first to fourth working pressure duct (60, 61, 62, 63) respectively
25 via a separate feeding device (13, 13', 14, 14').

2. Connection block according to Claim 1,
characterised
in that the feeding devices (13, 13', 14, 14') can be
30 inserted into openings (76, 77, 78, 79) of the connection block (25).

3. Connection block according to Claim 1 or 2,
characterised

in that in each of the four feeding devices (13, 13', 14, 14') a high-pressure limiting valve (18) is provided, by
5 which, if a pressure limit value is exceeded, the pressure in the corresponding working line (7, 8, 7', 8') connected to the first to fourth working pressure duct (60, 61, 62, 63) is relieved to the common feeding pressure duct (80) of the connection block (25).

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4. Connection block according to one of Claims 1 to 3,
characterised

in that at least the first and the second working pressure duct (60, 61) or the third and the fourth working pressure
15 duct (62, 63) open onto one side of the connection block (25).

5. Connection block according to one of Claims 1 to 4,
characterised

20 in that the working pressure ducts (60, 61, 62, 63) open in a kidney shape, at their ends facing away from the working lines (7, 8, 7', 8'), onto an end surface of the connection block (25) oriented towards the control plate (52).

25 6. Connection block according to Claim 5,
characterised

in that the kidney-shaped mouths (68, 69) of the first and the second working pressure duct (60, 61) extend along a first divided circle on the end face of the connection
30 block (25).

7. Connection block according to Claim 5 or 6,
characterised

in that the kidney-shaped mouths (70, 71) of the third and the fourth working pressure duct (62, 63) extend along a
5 second divided circle on the end face of the connection block (25).

8. Connection block according to one of Claims 1 to 7,
characterised

10 in that an auxiliary pump (9), which delivers to the feeding pressure duct (80), can be inserted into the connection block (25) on the side of the latter facing away from the hydrostatic piston machine.

15 9. Connection block according to one of Claims 1 to 8,
characterised

in that all the feeding devices (13, 13', 14, 14') are arranged on a common side of the connection block.